

WHEREAS, the *Sustainable Northampton Comprehensive Plan* (2008) includes reducing energy demand and emissions of greenhouse gases as goals; and

WHEREAS, improving the energy efficiency of city-owned motor vehicles will reduce fuel consumption and energy costs, reduce total lifetime costs of vehicle ownership, and reduce greenhouse gas emissions

WHEREAS, the following definitions apply:

Combined city and highway MPG (EPA Combined fuel economy): Combined Fuel Economy means the fuel economy from driving a combination of 43% city and 57% highway miles and is calculated as follows:

$$=1/((0.43/\text{City MPG}) + (0.57/\text{Highway MPG}))$$

Drive System: The manner in which mechanical power is directly transmitted from the drive shaft to the wheels. The following codes are used:

- AWD = All Wheel Drive: four-wheel drive automatically controlled by the vehicle powertrain system
- 4WD = 4-Wheel Drive: driver selectable four-wheel drive with 2-wheel drive option
- 2WD = 2-Wheel Drive

Heavy-duty truck: A vehicle with a manufacturer's gross vehicle weight rating (GVWR) of more than 8,500 pounds.

WHEREAS, the MA DOER's Green Communities Division, based on 2010 EPA data, define fuel efficient vehicles as having a combined city and highway MPG no less than:

Car:	2 wheel drive: 29 MPG	4 wheel: 24 MPG
Small pick-up truck:	2 wheel drive: 21 MPG	4 wheel drive: 19 MPG
Standard pick-up truck:	2 wheel drive: 17 MPG	4 wheel drive: 16 MPG
Sport utility vehicle:	2 wheel drive: 21 MPG	4 wheel drive: 18 MPG

Hybrid or electric vehicles in these vehicle classes will meet these criteria; and

WHEREAS, Northampton will seek to use Green Community grant funds to help offset any transition costs to implement this policy.

NOW, THEREFORE BE IT ORDERED

In consultation with the School Committee and the Trustees of Smith Vocational Agricultural High School, City Council adopts a policy that all City of Northampton divisions and departments, including all schools, purchase only fuel efficient vehicles for municipal and school use whenever such vehicles are commercially available and practicable, provided however that the following vehicles shall be exempt:

- Heavy-duty vehicles such as fire-trucks, ambulances, school buses, heavy duty trucks and vans and public works trucks

- Police cruisers, provided however that police cruisers will no longer be exempt when fuel efficient cruisers become commercially available. Police department administrative vehicles must meet fuel efficient requirements unless they are also used as police cruisers.

Non-exempt vehicles shall not be replaced with a recycled vehicle from another municipal department unless the recycled vehicle meets the fuel efficiency ratings outlined in this Policy.

And that all divisions and departments, including all schools, maintain an annual vehicle inventory for non-exempt vehicles and develop a plan and process for replacing these vehicles with vehicles that meet, at a minimum, the fuel efficiency ratings contained in the most recent guidance for Criteria 4 published by the MA Department of Energy Resources' Green Communities Division and that the Green Communities' Guidance for Criteria 4 must be checked for upgrades prior to ordering new vehicles.

Said plan is to include goals for when the existing fleet will be replaced, and provide for an annual review of the plan.

This policy is enforced by the Mayor, Northampton Schools Superintendent, and Smith Vocational Agriculture School Superintendent, or their designees.